

SOCKET-OUTLET BOXES

MXBS - Combination boxes



These socket outlet combination boxes, available in different materials and sizes, are designed for making electrical connections in hazardous areas. They can be equipped with 5 to 680A Marechal decontactors and/or 10 A Marechal multicontact connectors, offering from 12 to 37 contacts. They provide increased and intrinsic safety, allowing them to be used in zones 1 & 2 (gas), 21 & 22 (dust).

This comprehensive range is perfect for wet and corrosive environments, such as food and beverage or chemical industries, thanks to its specific and high quality materials. It is possible to mount both socket-outlets and multicontact connectors on the same box: DXN1, DXN3, DXN6, PXN12C, DXN25C, DXN37C, SPeX, DXA1 and PNCX.

MARKING

II 2G Ex eb IIC T(2) Gb increased safety II 2G Ex ia IIC T(2) Gb
 II 2G Ex ib IIC T(2) Gb intrinsic safety
 II 2G Ex eb ia or eb ib IIC T(2) Gb increased safety and intrinsic safety
 II 2D Ex tb IIIC T(2) Db in dust

(2) Depending on ambient temperature and equipment used.

TECHNICAL FEATURES

Material Enclosure	Stainless steel AISI316L
	GRP
	Copper free aluminium
Material Socket	GRP
	Copper free aluminium
IP rating	IP66
Ambient temperature range	-25°C to +60°C
	Other ambient temperature upon request
Approvals	LCIE 11 ATEX 3047X
	IECEX LCI 11.0042X
	TRCU: BH02.B.00641
Standards	International and European IEC/ EN standards
	62262, 60079-0, 60079-7, 60079-11 et 60079-31.
Optional accessories	Inclined sleeve
	Earth stud
	Earth bar
	Hinges
	Mounting brackets
	Purge or breather
	Earthing plate
	Metal gland with or without earth ring

ASSOCIATED MARECHAL® PRODUCTS

DECONTACTOR™	DXA1, DXN1, DXN3, and DXN6
Connectors	PNCX and SPeX
Multicontact connectors	PXN12C, DXN25C and DXN37C



For complete junction boxes is necessary to ask to the Sales Dept.

